

**I CLAIM:**

1. A method to transfer an image from a paper to a substrate, the method comprising the steps of:

providing a multi-layered transfer sheet having a

5 rubber based hot melt adhesive core surrounded on both sides with a silicone layer and thereupon fastened a top and bottom liner;

removing the bottom liner along with the adjacent

10 silicone layer, thereby exposing the hot melt adhesive core;

affixing the hot melt adhesive core to the image which is on the paper;

soaking off the paper, thereby exposing the image adhered to the hot melt adhesive core;

15 affixing the image along with the hot melt adhesive core and the top liner to the substrate;

covering the top liner with a wet press cloth;

applying heat and pressure to the wet press cloth in a sufficient quantity each to cause a migration of

20 a portion less than 100% of the hot melt adhesive core through the image into the substrate; and

removing the wet press cloth, thereby leaving the top layer, the hot melt adhesive core and the image adhered to the substrate.

2. The method of claim 1 further comprising the step of using ink to create the image.

5 3. The composition of layered materials formed by the method of claim 1.

4. The method of claim 1, wherein the top and bottom liners comprise a thermoplastic resin.

10 5. The method of claim 1, wherein the paper initially having the image comprises a triple coated paper.

6. The method of claim 1 further comprising the step of using a metal plate at about 120°C under about 1-10  
15 pounds pressure to provide the sufficient quantity of heat and pressure.

7. A process for decoration of surfaces through transfer of indicia or images from paper to said  
20 surfaces by means of composite sheets derived from rubber based hot melt transfer adhesive, the process comprising the steps of:

combining a releasable support sheet with a plastic sheet;

stripping said transfer adhesive of its primary  
liner and placing the combined sheet obtained  
in step a) with its plastic surface in contact  
with the tacky adhesive surface.

5 stripping said transfer adhesive of its second  
liner and positioning the composite sheet  
obtained in step b) with its tacky side in  
contact with the indicia or image bearing layer  
of said paper.

10 obtaining an "iron on decal" by washing said  
indicia or image-including composite sheet in  
water to soften the paper and removing the  
same, thereby exposing the image or indicia  
retained in the composite sheet.

15 applying the decal obtained in Step d) by  
positioning the same with the image or indicia  
in contact with said surface.

applying heat over the releasable support sheet,  
thereby causing said adhesive to expand and  
20 migrate through the layer forming the image or  
indicia, into said substrate.

stripping the decal of said releasable support  
sheet.

8. A process for decoration of surfaces through  
5 transfer of indicia or images from paper to said  
surfaces by means of composite sheets derived from  
rubber based hot melt transfer adhesive, which includes:

stripping said transfer adhesive of its primary  
liner and positioning it with its tacky surface in  
10 contact with the indicia or image bearing layer of  
said paper;

combining a releasable support sheet with a  
plastic sheet;

stripping said adhesive of its secondary liner and  
15 placing the combined sheet obtained in step b) with its  
plastic surface in contact with the tacky surface of  
said paper.

obtaining an "iron on decal" by washing said  
indicia or image-including composite sheet in water to  
20 soften the paper and removing the same, thereby

exposing the image or indicia retained in the composite sheet.

applying the decal obtained in Step d) by positioning the same with the image or indicia in contact with said surface.

applying heat over the releasable support sheet, thereby causing said adhesive to expand and migrate through the layer forming the image or indicia, into said substrate.

stripping the decal of said releasable support sheet.

9. A process for decoration of surfaces through transfer of indicia or images from paper to said surfaces by means of composite sheets derived from rubber based hot melt transfer adhesive, which includes:

combining a releasable support sheet with a plastic sheet;

stripping said transfer adhesive of its primary

liner and placing the combined sheet obtained

in step a) with its plastic surface in contact  
with the tacky adhesive surface.

stripping said transfer adhesive of its second

liner and positioning the composite sheet

5 obtained in Step b) with its tacky side in  
contact with the indicia or image bearing layer  
of said paper.

obtaining an "iron on decal" by washing said or

image-including composite sheet in water to

10 soften the paper and removing the same, thereby  
exposing the image or indicia retained in the  
composite sheet.

converting the iron-on decal obtained in Step d)

into an "adhesive decal" by stripping a second

15 piece of said transfer adhesive of its primary

liner and positioning the decal obtained in

step d) with its indicia or image in contact

with said transfer adhesive exposed tacky

surface.

stripping the adhesive decal obtained in step e) of  
its liner and positioning the same with the  
exposed adhesive in contact with said surface.

stripping the decal of said releasable support

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sheet.